

EXHIBIT 1

US application 10/743,391

Sequence ID Numbers

Table detailing the sequences in the application identified by a Sequence ID Number.

SEQ ID NO	Sequence	Page/Figure	Description of Sequence
1	EVPGSQHI	9	Residues 51-58 of the <i>Escherichia coli</i> EtxB and <i>Vibrio cholerae</i> CtxB proteins (the β 4- α 2 exposed loop). May be mutated at any site.
2	EVPGSQHI	9	Residues 51-58 of the <i>Escherichia coli</i> EtxB and <i>Vibrio cholerae</i> CtxB proteins (the β 4- α 2 exposed loop). May be mutated at sites 51, 56 or 57.
3	EVPGSQHI	9	Residues 51-58 of the <i>Escherichia coli</i> EtxB and <i>Vibrio cholerae</i> CtxB proteins (the β 4- α 2 exposed loop). May be mutated at site 57.
4	SIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
5	CSIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
6	CEKLAGFGSIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
7	CAVGAGATAEESIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
8	CEKLAGFGAVGAGATAESIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
9	CEKLAGFGARGAGATAESIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
10	CEKLAGFGAVGAGATAESIINFEKLTEWTS	45	Synthetic peptide used to construct EtxB conjugates.
11	AGFGAVGAGATAEE	49	Loop segment of the Pol-peptide of HSV-1

SEQ ID NO	Sequence	Page/Figure	Description of Sequence
12	TPQNITDLCA EYHNTQIHTL NDKIFSYPES LAGKREMAII TFKNGATFQV EVPGSQHIDS QKKAIERMKD TLRITAYLTEA KVEKLCVWNN KTPHAIAAIS MAN	Figure 1	CxkB – <i>Vibrio cholerae</i> cholera toxin B subunit protein sequence
13	TPQNITDLCA EYHNTQIHTL NDKIFSYPES LAGKREMAII TFKNGATFQV EVPGSQAIDS QKKAIERMKD TLRITAYLTEA KVEKLCVWNN KTPHAIAAIS MAN	Figure 1	Mutant CxkB (H57A)
14	APQTITELCS EYRNTQIYTI NDKILSYTES MADKREMVII TFKSGETFQV EVPGSQHIDS QKKAIERMKD TLRITYLTET KIDKLCVWNN KTPISIAAIS MEN	Figure 2	Mutant EtxB (G33D)
15	APQTITELCS EYRNTQIYTI NDKILSYTES MAGKREMVII TFKSGETFQV EVPGSQHIDS QKKAIERMKD TLRITYLTET KIDKLCVWNN KTPISIAAIS MEN	Figure 6	EtxB – <i>Escherichia coli</i> heat-labile enterotoxin B subunit protein sequence
16	APQTITELCS EYRNTQIYTI NDKILSYTES MAGKREMVII TFKSGETFQV EVPGSQAIDS QKKAIERMKD TLRITYLTET KIDKLCVWNN KTPISIAAIS MEN	Figure 11	Mutant EtxB (H57A)
17	TPQNITDLCA EYHNTQIHTL NDKIFSYPES LAGKREMAII TFKNGATFQV AVPGSQHIDS QKKAIERMKD TLRITAYLTEA KVEKLCVWNN KTPHAIAAIS MAN	Amended Claims	Mutant CxkB (E51A)
18	TPQNITDLCA EYHNTQIHTL NDKIFSYPES LAGKREMAII TFKNGATFQV EVPGSAHIDS QKKAIERMKD TLRITAYLTEA KVEKLCVWNN KTPHAIAAIS MAN	Amended Claims	Mutant CxkB (Q56A)
19	APQTITELCS EYRNTQIYTI NDKILSYTES MAGKREMVII TFKSGETFQV EVPGSQSIDS QKKAIERMKD TLRITYLTET KIDKLCVWNN KTPISIAAIS MEN	Amended Claims	Mutant EtxB (H57S)